

WHAT IS CLAIMED IS:

1.

A method for providing a network environment as requested from a plurality of clients, comprising:

receiving a request to provide said network environment from one of said clients,

setting an individual network for each of said clients requesting to provide a closed network in response to the received request and informing to said client of use permission with a predetermined discriminator and an access priority, and managing a use time of said closed network.

2.

A method for providing a network environment as requested from a plurality of clients, comprising:

a step of requesting to provide said network environment from said clients,

a step of setting an individual network for each of said clients requesting to provide a network at said requesting step by said server and informing said client of use permission of a predetermined discriminator,

a step of giving said discriminator informed at said setting and informing step access priority to said individual network and starting measurement of a use time of said network,

a step of inquiring said client about whether or not to extend when said network use time with measurement started at said giving and starting step passes a predetermined time, and

a step of extending said network use time when said client requests for extension for said inquiry at said inquiring step.

3.

A system for providing a network environment as requested from a plurality of clients, comprising:

means for requesting to provide said network environment from said clients,

means for setting an individual network for each of said clients requesting to provide a network by said requesting means by a server and informing said client of use permission of a predetermined discriminator, and

means for giving said discriminator informed by said setting and informing means access priority to said individual network and managing a use time of said network.

4.

A server for providing a network environment with a plurality of clients, comprises:

a receiver configured to receive a message transmitted from one of said clients,

a data converter configured to convert said message according to an environment of said client,

a transmitter configured to transmit said message after conversion,

an access controller configured to control accessing in said network in consideration of access priority by a discriminator included in said message,

a client manager configured to check said discriminator of said client,

a schedule storage storing time management information of said network, and

a network environment manager configured to manage said network with the access priority.

5.

A client device used in a system for providing a network environment with other client devices and a server, the client device comprising:

communication device configured to communicate with said server,

a communication setting manager configured to prepare for communication passes with said server,

a receiver configured to receive a message transmitted from said server,

a store configured to store said message,

a converter configured to convert said message into a display data format and convert input data to a message, and

a terminal job manager configured to manage said communication data conversion.

6.

A server for providing a network environment with a plurality of clients according to Claim 4,

wherein said access priority is decided from an Internet protocol address of said client.

7.

A client device used in a system for providing a network environment with other client devices and a server according to Claim 5,

wherein said converter has a main program operating regardless of a software environment used by said client and a plurality of subprograms operating according to said software environment used by said client, the system starts said subprograms according to said kind of said data in said message, and converts said display file.

8.

A server for providing a network environment with a plurality of clients, according to Claim 4,

wherein said server further has a service giving means for billing said client according to a use time designated by said client and an extended time used by said client.

9.

A local network service providing method for a server which are capable to communicate with a plurality of client devices via a communication network, comprising:

receiving a local network service request from a contract client device which represents a group of client devices, wherein each of client devices in the group uses a local network service being requested;

making a contract with the contract client for a reservation of the local network service, wherein the contract

includes at least an allowed use time of the local network service;

establishing communication passes with each of client devices included in the group to allow each of client devices to use the local network; and
monitoring an actual use time of the local network to compare with the allowed use time.